DETAILED ACTION

Response to Amendments

Claims 1, 8, 14 have been amended.
Claims 4, 6, 11, 12, 17 and 18 have been canceled.
Claims 23-25 have been newly added.
Claims 1-3, 5, 7-10, 13-16 and 19-25 are pending.

Per Examiner's Amendment

Claims 1, 8, 14 and 23 have been amended.
Claims 7, 13 and 19 have been canceled.

Claims 1-3, 5, 8-10, 12, 14-16 and 20-25 are allowed.

Response to Arguments

I. Applicant's arguments (see Remarks pages 9-12 filed 1/7/2008) with respect to claims 1-3, 5, 7-10, 13-16 and 19-25 have been fully considered and are persuasive. The rejections of the pending claims have been withdrawn.

Examiner's Amendment

II. An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to Applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this Examiner's amendment was given in a telephone interview with Atty. Larry Hume on 4/21/2008. Therefore the application has been amended as follows:

Claim 1 (Currently Amended): A method for accessing a wireless local area network in a telecommunications system, the system including at least one terminal and a plurality of networks, the method comprising:

storing information sets describing settings used to access wireless local area networks and their associated resources in the at least one terminal;

scanning for information related to names of available wireless local area networks using the at least one terminal;

determining available information sets by comparing the information related to names of available wireless local area networks to the stored information sets; and

accessing at least one wireless local area network based on settings described in the available information set,

wherein the storing stores network names of wireless local area networks associated with the stored information sets, the scanning sends network identity requests and searches for network identity responses, and the determining available information sets determines the available information sets by comparing the stored network names to the scanned information related to names of available wireless local area networks;

wherein the stored information sets comprise channel settings indicating whether at least one of (i) a used radio channel is automatically or manually selected and (ii) whether the stored information sets comprise operation mode settings indicating whether a used operation mode is an ad-hoc mode or an infrastructure mode.

Claim 8 (Currently Amended): A terminal comprising:

a transceiver configured to communicate with a wireless local area network;

a memory configured to store information sets describing settings used to access wireless local area networks and their resources;

a scanner configured to scan for information relating to the identification of names of available wireless local area networks;

a processor configured to determine available information sets by comparing the information related to names of available wireless local area networks to information sets stored in the memory,

wherein the stored information sets comprise channel settings indicating at least one of (i) whether a used radio channel is automatically or manually selected and (ii) whether the stored information sets comprise operation mode settings indicating whether a used operation mode is an ad-hoc mode or an infrastructure mode,

wherein the processor is further configured to access at least one wireless local area network based on the settings described in one or more of an available information set,

wherein the memory is further configured to store names of wireless local area networks belonging to the stored information sets,

the scanner is arranged to scan by sending network identity requests and searching for network identity responses, and

the processor is further configured to determine available information sets by comparing the network names stored in the memory to the scanned information identifying the names of the available wireless local area networks, and

wherein the terminal is configured to select at least one of (i) the used radio channel based on channel settings of the available information sets and (ii) an ad-hoc mode or an infrastructure mode based on the operation mode settings of the available information sets.

Claim 14 (Currently Amended): A terminal comprising:

a transceiver configured to communicate with a wireless local area network;

at least one memory device configured to store information sets describing settings used to access wireless local area networks and their resources;

at least one scanner configured to scan for information related to the identifying names of available wireless local area networks;

at least one determination module configured to determine available information sets by comparing the information related to names of available wireless local area networks to information sets stored by the at least one memory device; and

at least one access device configured to access at least one wireless local area network based on settings described in one or more of the available information sets,

wherein the at least one memory device is arranged to store names of the wireless local area networks belonging to the stored information sets, the at least one scanner is configured to perform the scanning by sending network identity requests and searching for network identity responses, and the at least one determination module is configured to determine the available information sets by comparing the stored network names to the scanned information identifying the names of the available wireless local area networks;

wherein the stored information sets comprise channel settings indicating at least one of (i) whether a used radio channel is automatically or manually selected and (ii) whether the stored information sets comprise operation mode settings indicating whether a used operation mode is an ad-hoc mode or an infrastructure mode, and

wherein the terminal configured to select at least one of (i) the used radio channel based on channel settings of the available information sets and (ii) an ad-hoc mode of an

infrastructure mode based on the operation mode settings of the available information sets.

Claim 23 (Currently Amended): An apparatus comprising:

a memory configured to store information sets relating to settings used to access wireless local area network and their resources, including information relating to names of the wireless local area networks,

wherein the stored information sets comprise channel settings indicating at least one of (i) whether a used radio channel is automatically or manually selected and (ii) whether the stored information sets comprise operation mode settings indicating whether a used operation mode is an ad-hoc mode or an infrastructure mode; and

a control unit configured to:

arrange scanning of information related to identifying names of available wireless local area networks at least by sending network identify requests and searching for network identity responses;

determine available information sets by comparing the information related to names of available wireless networks to information sets stored in the memory and by comparing the stored network names to the scanned information identifying the names of the available wireless local area networks; and

arrange access to at least one wireless local area network based on setting described in one or more of the available information sets,

wherein the terminal configured to select at least one of (i) the used radio channel based on channel settings of the available information sets and (ii) an ad-hoc mode of an infrastructure mode based on the operation mode settings of the available information sets.

Cancel: Claims 7, 13 and 19.

Reasons for Allowance

The following is an Examiner's statement of reasons for allowance

III. The prior art or record fails to teach neither singly nor in combination, the claimed limitations of: "storing information sets describing settings used to access wireless local area

networks and their associated resources in the at least one terminal; scanning for information related to names of available wireless local area networks using the at least one terminal; determining available information sets by comparing the information related to names of available wireless local area networks to the stored information sets; and accessing at least one wireless local area network based on settings described in the available information set, wherein the storing stores network names of wireless local area networks associated with the stored information sets, the scanning sends network identity requests and searches for network identity responses, and the determining available information sets determines the available information sets by comparing the stored network names to the scanned information related to names of available wireless local area networks; wherein the stored information sets comprise channel settings indicating whether at least one of (i) a used radio channel is automatically or manually selected and (ii) whether the stored information sets comprise operation mode settings indicating whether a used operation mode is an ad-hoc mode or an infrastructure mode" (see Specification pages 2 and 4-7).

Although prior art, *Kolev et al* (US 6,125,283) and *Sainton et al* (US 6,134,453) disclose systems and methods for multi/omni-modal mobile devices, these systems fail to store the settings and network names of wireless local area networks in the mobile device and determine available information sets by comparing the stored network names to the scanned information. Furthermore the optional channel settings and ad-hoc or infrastructure mode settings are not disclosed or suggested in the prior art. These limitations, in conjunction with other limitations in the independent and dependent claims, are not specifically disclosed or remotely suggested in the

prior art of record. A review of Claims 1-3, 5, 8-10, 12, 14-16 and 20-25, in view of the Examiner's remarks above, indicates that these are allowable over the prior art of record.

Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

IV. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Kristie Shingles whose telephone number is 571-272-3888. The Examiner can normally be reached on Monday-Friday 8:30-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, Rupal Dharia can be reached on 571-272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kristie Shingles
Examiner
Art Unit 2141
Kds

/William C. Vaughn, Jr./
Supervisory Patent Examiner, Art Unit 2144